

[Dialog eLink](#): Order File History**IMIDAZOLIDINE DERIVATIVE****Publication Number:** 02-019363 (JP 2019363 A)**Published:** January 23, 1990**Inventors:**

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Applicants

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JAPIO Class:

- 14.1 (ORGANIC CHEMISTRY--- Organic Compounds)
- 14.4 (ORGANIC CHEMISTRY--- Medicine)

Abstract:

NEW MATERIAL: An imidazolidine derivative shown by formula I ($R^{(sup)} 1$) is H or (lower) alkyl; $R^{(sup)} 2$ is lower alkyl, lower alkylthio (lower) alkyl or tri-(lower) alkoxyaryl; $R^{(sup)} 3$ is benzyl; $R^{(sup)} 4$ is lower alkyl or ar-(lower) alkyl; or $R^{(sup)} 3$ is H, phenyl (2C-6C) alkyl, naphthyl (lower) alkyl, aryl, diphenyl (lower) alkyl, etc.; $R^{(sup)} 4$ is H or lower alkyl; with the proviso that when $R^{(sup)} 3$ and $R^{(sup)} 4$ are H, $R^{(sup)} 1$ is lower alkyl and a salt thereof.

EXAMPLE: 3-Butyl-5-(1-phenylethyl)imidazolidine-2,4-dione.

USE: Useful as an antagonist of platelet activating factor. A preventive and remedy for diseases such as allergic symptoms and thrombosis.

PREPARATION: For example, as shown the reaction formula, a compound shown by formula II is reacted with a

compound shown by formula III to give a compound shown by formula Ia among compounds shown by formula I.
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JAPIO

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